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C-A OPERATIONS PROCEDURES MANUAL

2.21 Response to a Trip of LIPA Pulse Power Monitor Relay Which Interlocks the Booster Main Magnet Power Supply

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Approved: \_\_\_\_\_ *Signature on File* \_\_\_\_\_  
Collider-Accelerator Department Chairman Date

J. Sandberg

## **2.21 Response to a Trip of the LIPA Pulsed Power Monitor (PPMR) Relay Which Interlocks the Booster Main Magnet Power Supply**

### **1. Procedure**

This procedure provides instructions to the C-A Operations personnel for recognizing a power "trip" of the PPMR and instructions for notifying LIPA of such a trip immediately after its occurrence and before restarting the Booster Main Magnet Power Supply.

### **2. Responsibility**

2.1 The Operations Coordinator or his designee is responsible for executing this procedure.

2.2 The Main Control Room Group Leader or designee is responsible for maintaining the current LIPA Operations contact telephone number.

### **3. Prerequisites**

None

### **4. Precautions**

None

### **5. Procedure**

5.1 A Booster "trip" caused by the PPMR will be annunciated by the Booster Main Magnet Programmable Logic Controller located in the main power supply console in building 930A as PPMR Alarm Level II (TRIP).

5.2 In the event of a PPMR trip the Operations Coordinator (or designee) shall telephone LIPA at (631) 545-4003 and inform the System Operator that the PPMR has tripped. This must be done as soon after the trip as possible. In addition, BNL must receive permission from LIPA before attempting to restart the BMMPS.

5.2.1 If LIPA objects, restart shall be suspended. The C-A Head of Operations shall be informed of this objection.

5.2.2 If no objection is made by LIPA, restart shall proceed.

5.2.3 Modification of the BMMPS functions may be required to prevent further trips.

5.3 If LIPA changes the telephone number, the Operations Coordinator (or designee) shall note the correct number in the appropriate list of relevant phone numbers kept in the Main Control Room.

**6. Documentation**

6.1 The date and time of the “trip” and the name of the person contacted at LIPA shall be recorded in the Operations Coordinator’s shift log.

**7. References**

None

**8. Attachments**

None